

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096066.D
 Acq On : 21 Apr 2018 6:37
 Operator : SJ/JU
 Sample : J2434-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC9

Quant Time: Apr 23 01:09:24 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 01:07:45 2018
 Response via : Initial Calibration

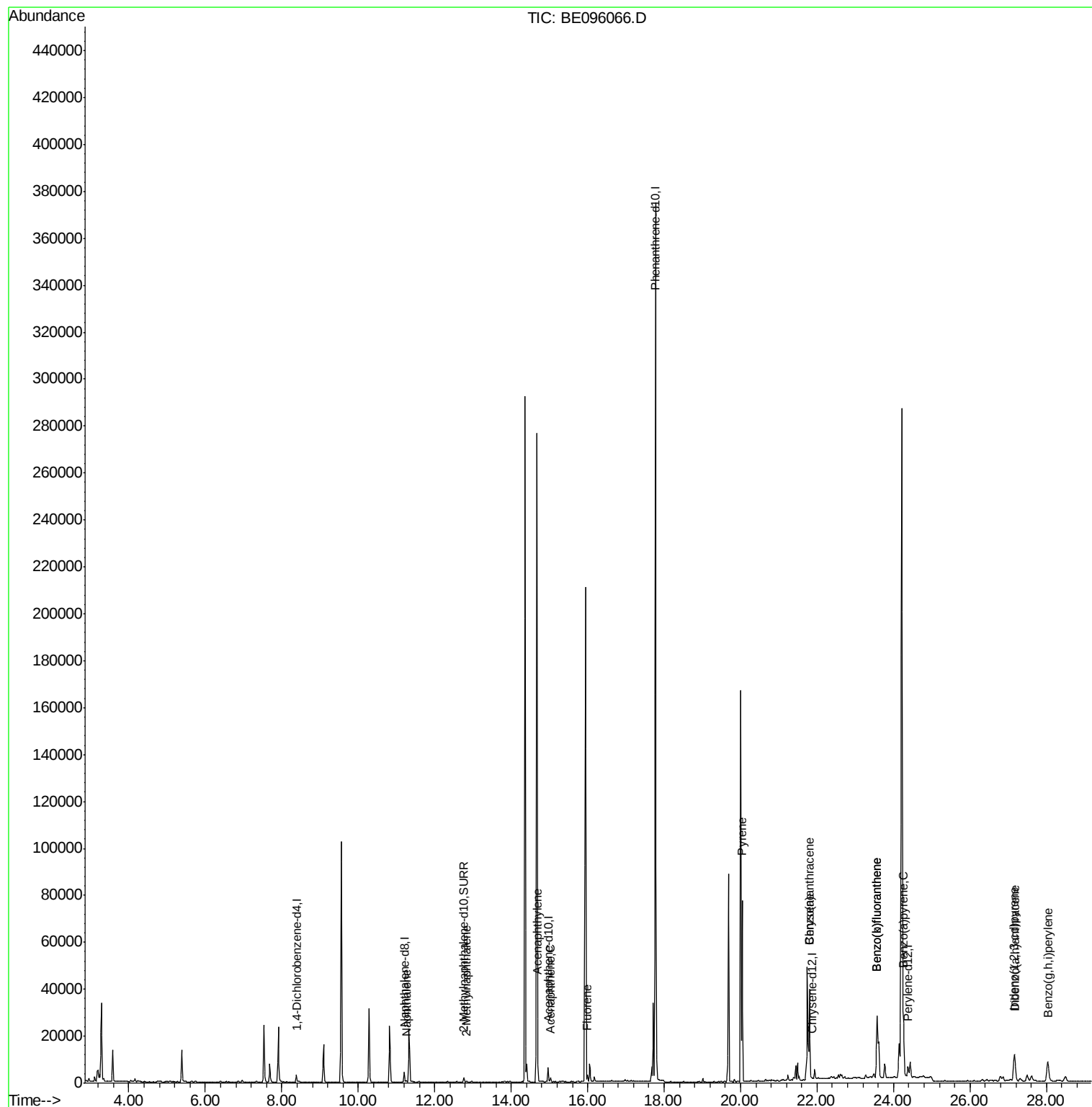
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2039	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5717	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3387	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.77	188	432732	0.40	ng/ul	0.10
16) Chrysene-d12	21.88	240	14	0.40	ng/ul	0.11
20) Perylene-d12	24.37	264	8867	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2616	0.25	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	11.25	128	768	0.048	ng/ul#	72
5) 2-Methylnaphthalene	12.83	142	352	0.033	ng/ul	98
7) Acenaphthylene	14.70	152	2293	0.131	ng/ul	94
8) Acenaphthene	15.03	153	1087	0.086	ng/ul	96
9) Fluorene	15.99	166	1760	0.124	ng/ul	90
17) Pyrene	20.04	202	84501	1776.257	ng/ul#	78
18) Benzo(a)anthracene	21.80	228	39493	698.253	ng/ul#	84
19) Chrysene	21.80	228	39402	967.932	ng/ul	97
21) Benzo(b)fluoranthene	23.57	252	71205	2.482	ng/ul	85
22) Benzo(k)fluoranthene	23.57	252	71205	2.491	ng/ul#	87
23) Benzo(a)pyrene	24.26	252	38537	1.392	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	27.16	276	22660	0.736	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.18	278	5938	0.240	ng/ul	98
26) Benzo(g,h,i)perylene	28.04	276	21202	0.825	ng/ul#	94

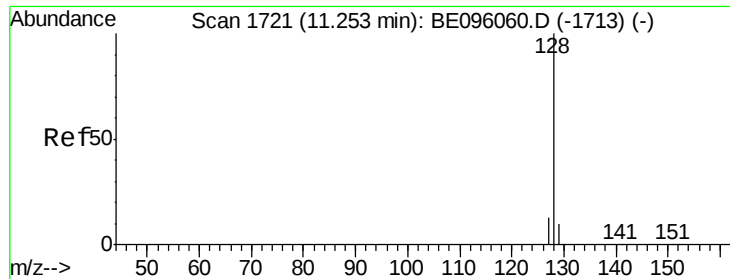
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.048 ng/ul

RT: 11.25 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BE096066.D

Acq: 21 Apr 2018 6:37

Instrument :

BNA_E

ClientSampleId :

C0AC9

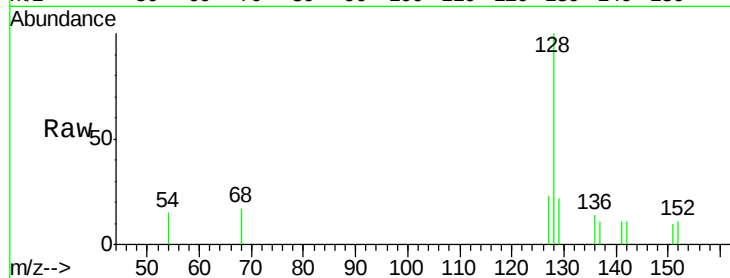
Tot Ion:128 Resp: 768

Ion Ratio Lower Upper

128 100

129 21.6 11.3 16.9#

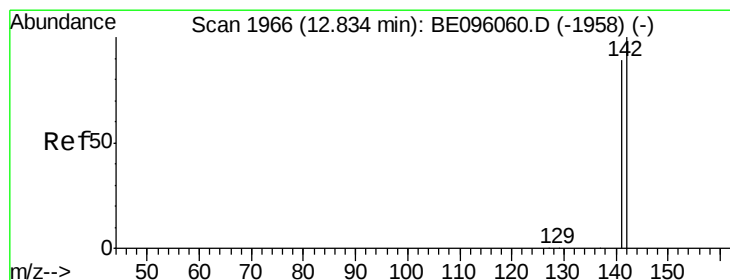
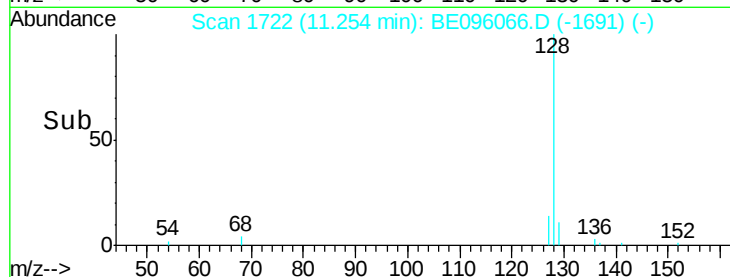
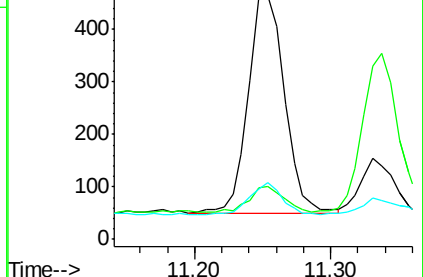
127 23.1 4.0 6.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.033 ng/ul

RT: 12.83 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BE096066.D

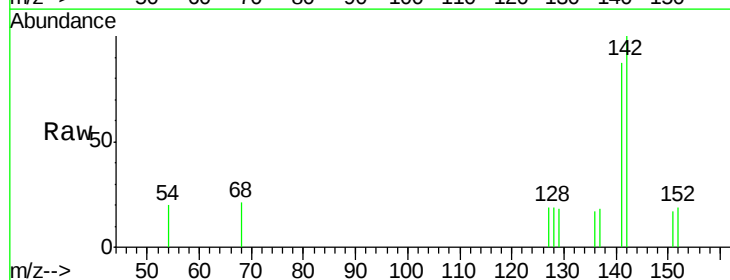
Acq: 21 Apr 2018 6:37

Tgt Ion:142 Resp: 352

Ion Ratio Lower Upper

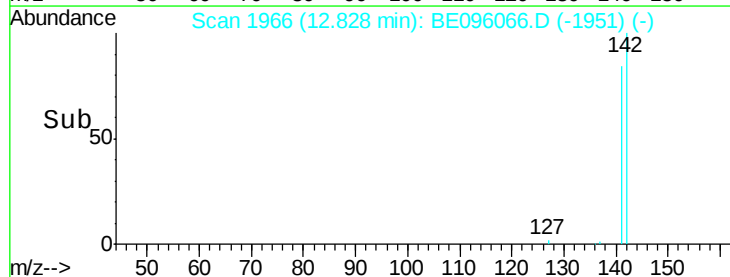
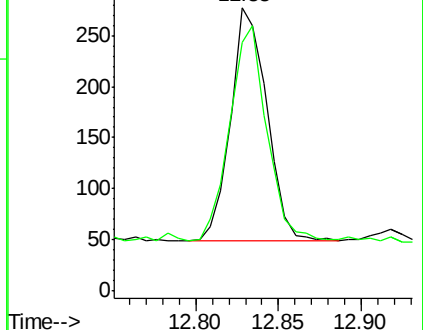
142 100

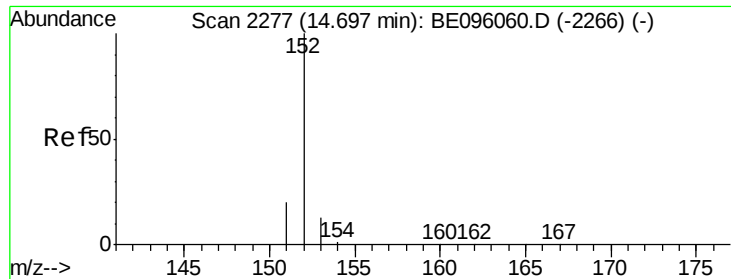
141 92.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.131 ng/ul

RT: 14.70 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE096066.D

Acq: 21 Apr 2018 6:37

Instrument :

BNA_E

ClientSampleId :

C0AC9

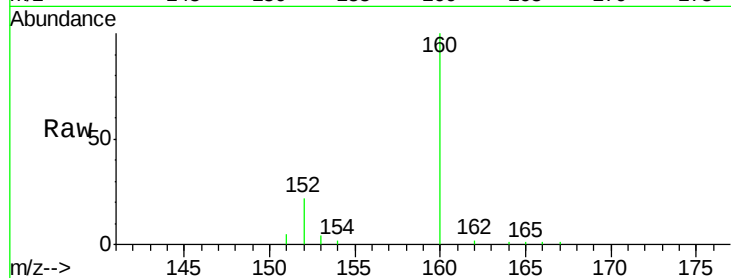
Tot Ion:152 Resp: 2293

Ion Ratio Lower Upper

152 100

151 24.6 17.1 25.7

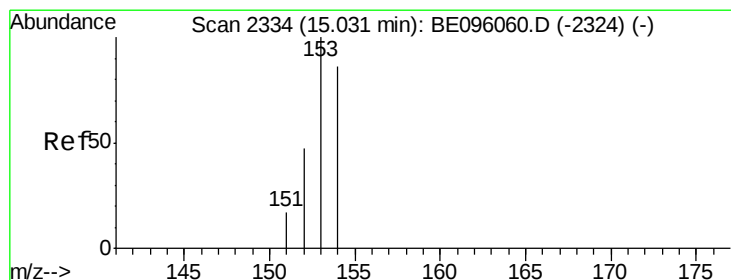
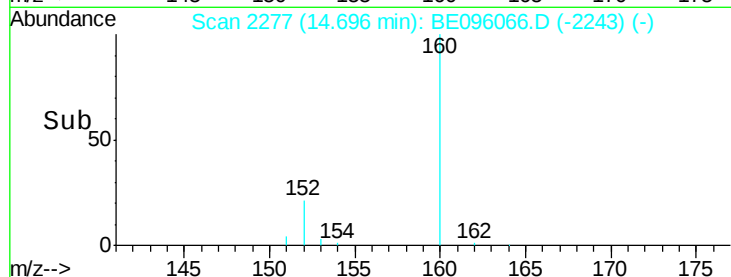
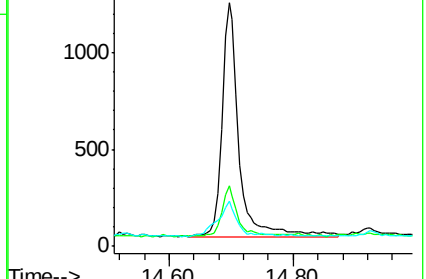
153 18.5 12.8 19.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.086 ng/ul

RT: 15.03 min Scan# 2334

Delta R.T. -0.00 min

Lab File: BE096066.D

Acq: 21 Apr 2018 6:37

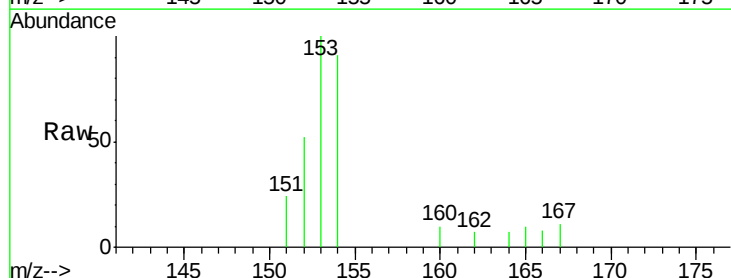
Tgt Ion:153 Resp: 1087

Ion Ratio Lower Upper

153 100

152 51.8 36.0 54.0

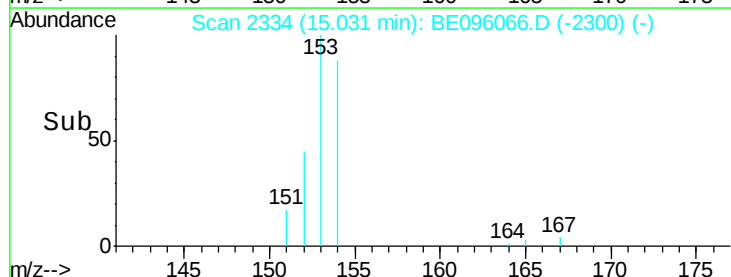
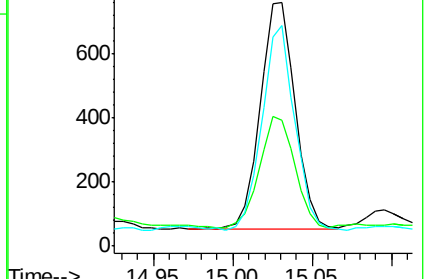
154 90.8 72.0 108.0

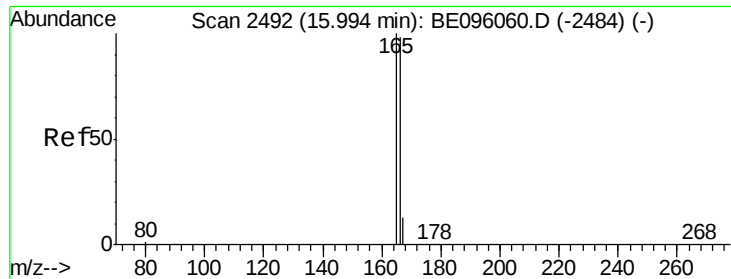


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.124 ng/ul

RT: 15.99 min Scan# 2492

Delta R.T. -0.00 min

Lab File: BE096066.D

Acq: 21 Apr 2018 6:37

Instrument :

BNA_E

ClientSampleId :

C0AC9

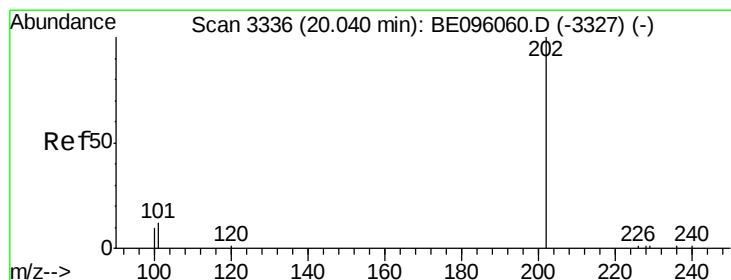
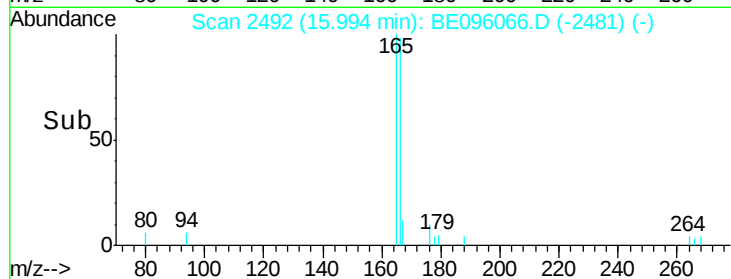
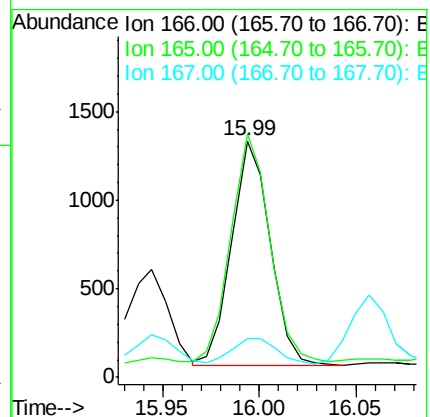
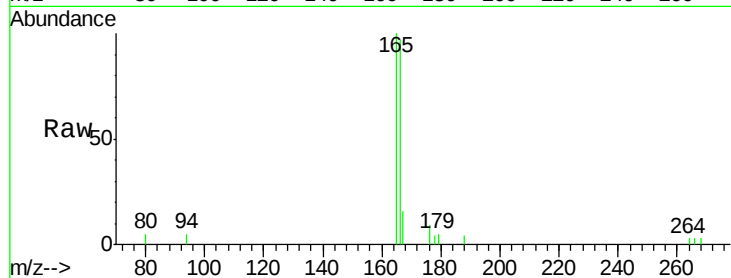
Tot Ion:166 Resp: 1760

Ion Ratio Lower Upper

166 100

165 102.9 73.4 110.2

167 16.5 14.6 22.0



#17

Pyrene

Concen: 1776.257 ng/ul

RT: 20.04 min Scan# 3337

Delta R.T. -0.00 min

Lab File: BE096066.D

Acq: 21 Apr 2018 6:37

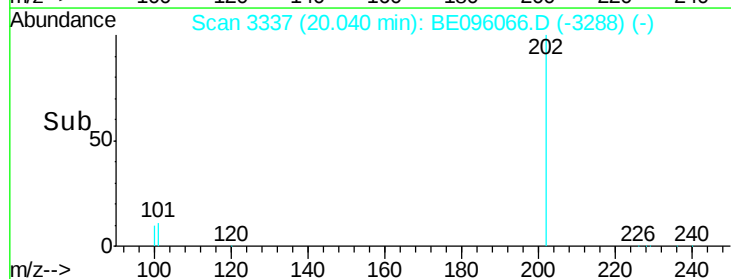
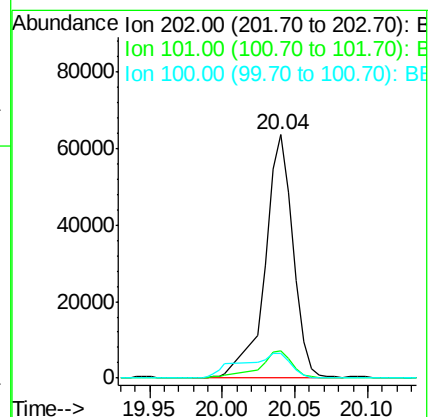
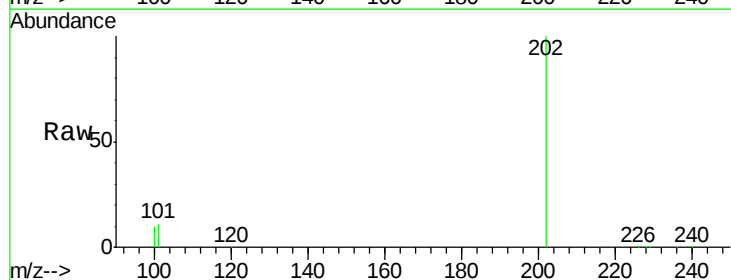
Tgt Ion:202 Resp: 84501

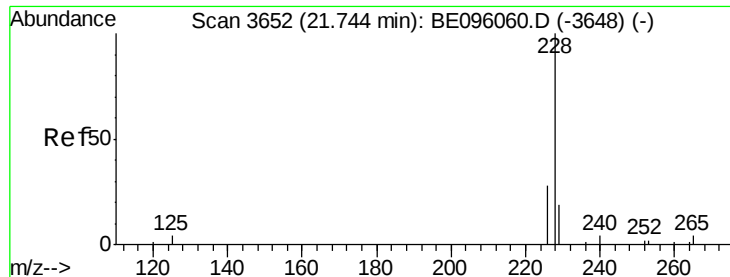
Ion Ratio Lower Upper

202 100

101 11.5 18.2 27.4#

100 10.2 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 698.253 ng/ul

RT: 21.80 min Scan# 3661

Delta R.T. 0.06 min

Lab File: BE096066.D

Acq: 21 Apr 2018 6:37

Instrument :

BNA_E

ClientSampleId :

C0AC9

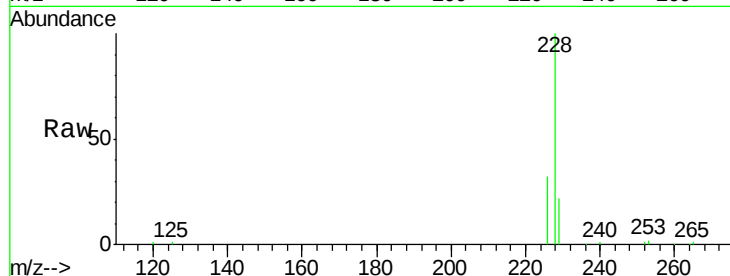
Tot Ion:228 Resp: 39493

Ion Ratio Lower Upper

228 100

229 22.0 22.8 34.2#

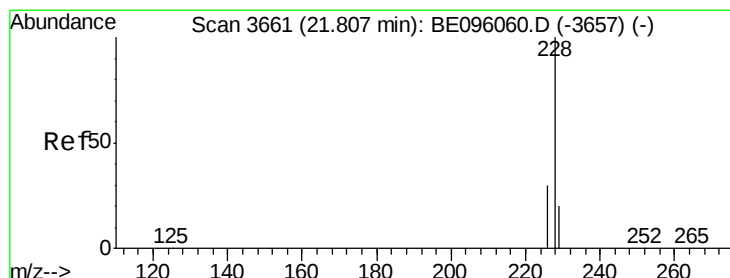
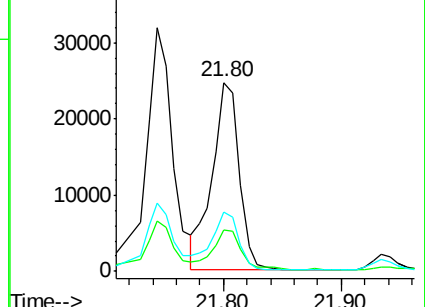
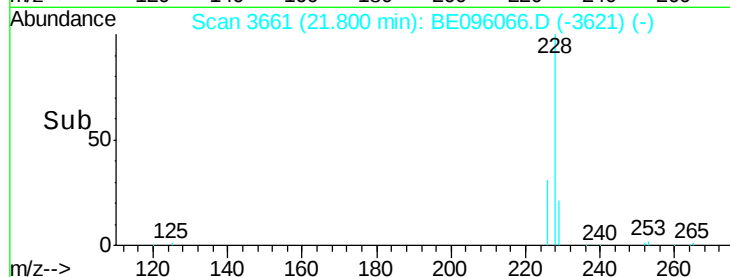
226 31.6 17.0 25.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 967.932 ng/ul

RT: 21.80 min Scan# 3661

Delta R.T. -0.01 min

Lab File: BE096066.D

Acq: 21 Apr 2018 6:37

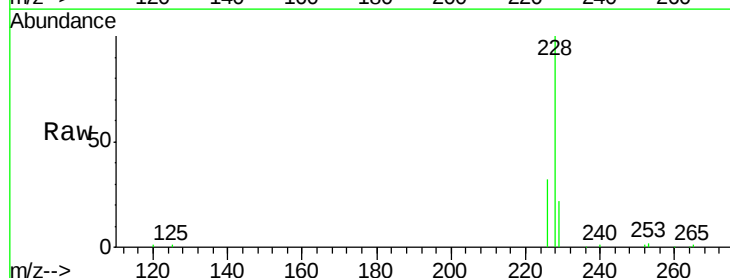
Tgt Ion:228 Resp: 39402

Ion Ratio Lower Upper

228 100

226 31.6 23.4 35.0

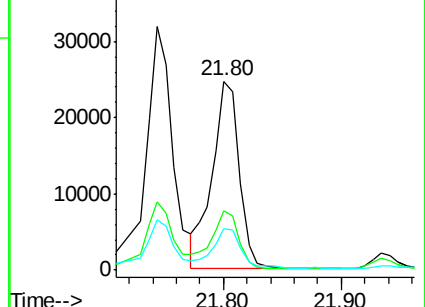
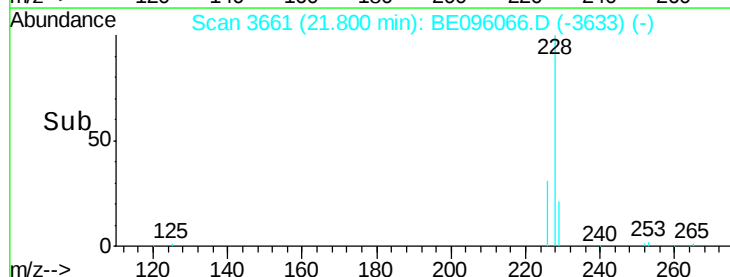
229 22.0 17.7 26.5

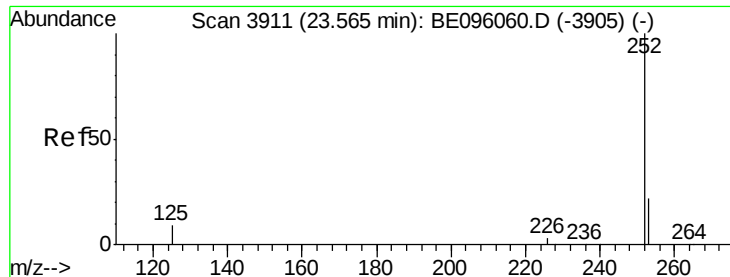


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

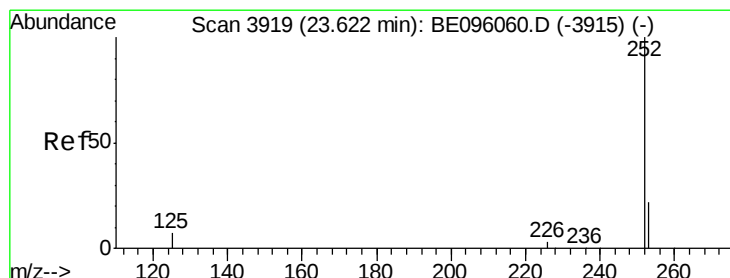
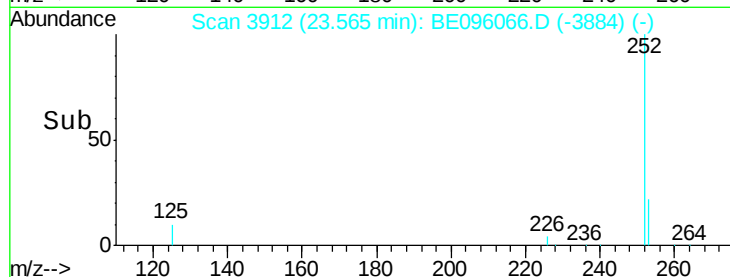
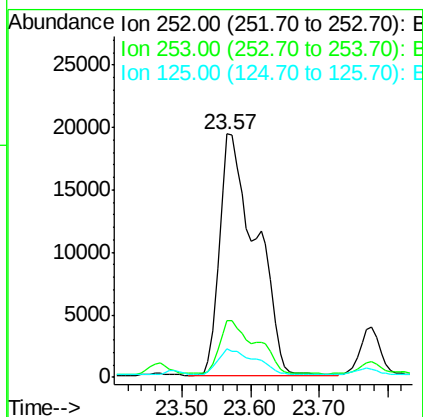
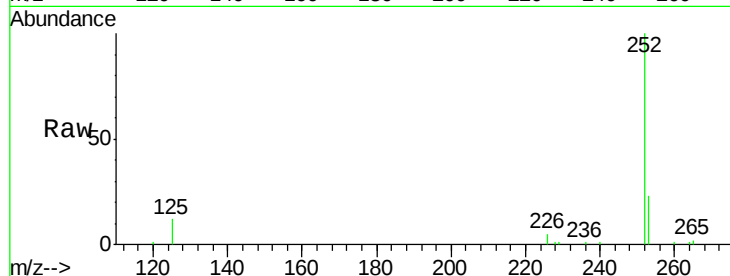




#21
Benzo(b)fluoranthene
Concen: 2.482 ng/ul
RT: 23.57 min Scan# 3912
Delta R.T. 0.00 min
Lab File: BE096066.D
Acq: 21 Apr 2018 6:37

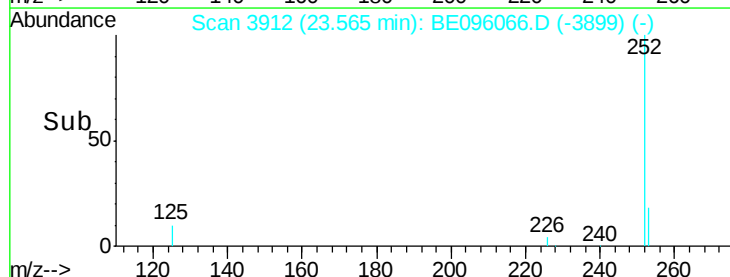
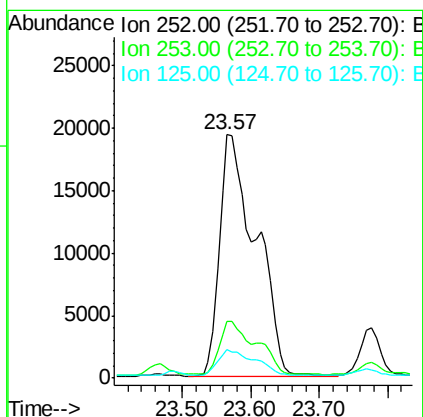
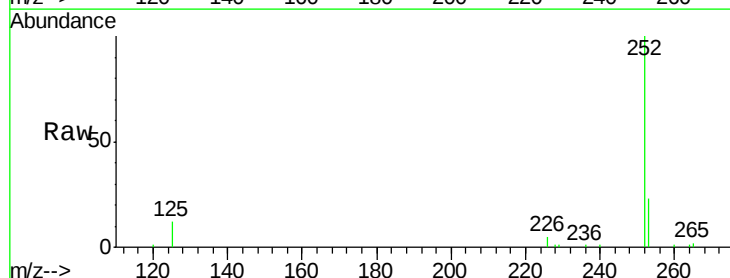
Instrument :
BNA_E
ClientSampleId :
C0AC9

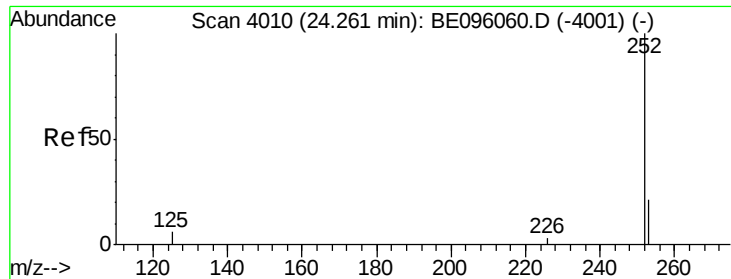
Tot Ion:252 Resp: 71205
Ion Ratio Lower Upper
252 100
253 23.3 0.0 64.2
125 11.6 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 2.491 ng/ul
RT: 23.57 min Scan# 3912
Delta R.T. -0.06 min
Lab File: BE096066.D
Acq: 21 Apr 2018 6:37

Tgt Ion:252 Resp: 71205
Ion Ratio Lower Upper
252 100
253 23.3 24.5 36.7#
125 11.6 13.7 20.5#

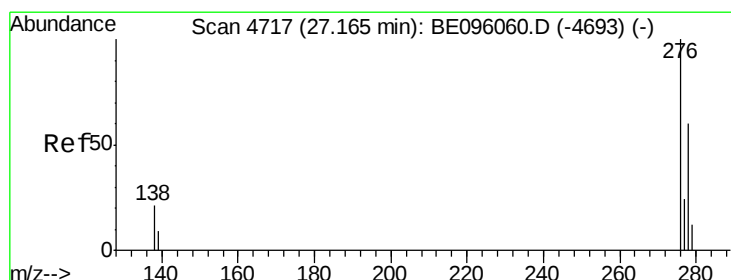
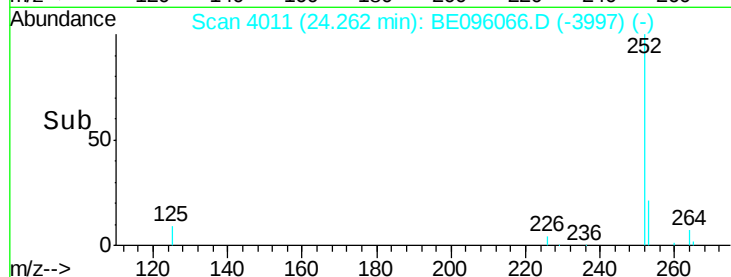
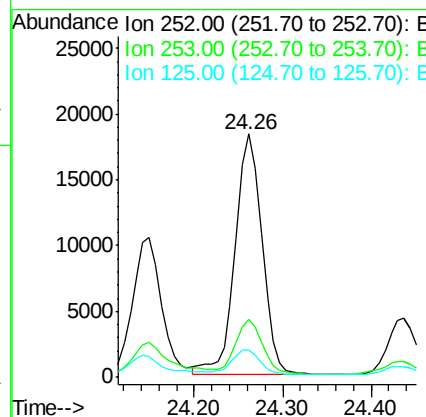
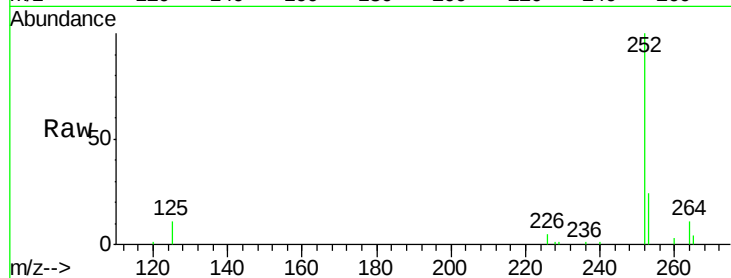




#23
Benzo(a)pyrene
Concen: 1.392 ng/ul
RT: 24.26 min Scan# 4011
Delta R.T. 0.00 min
Lab File: BE096066.D
Acq: 21 Apr 2018 6:37

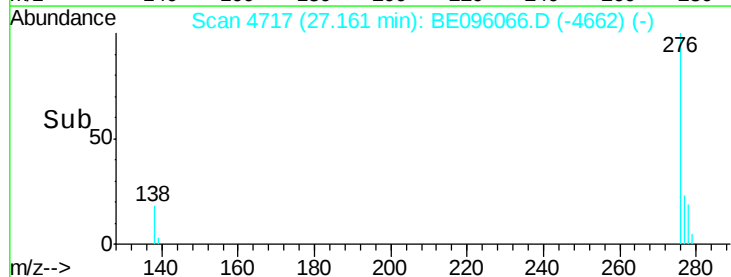
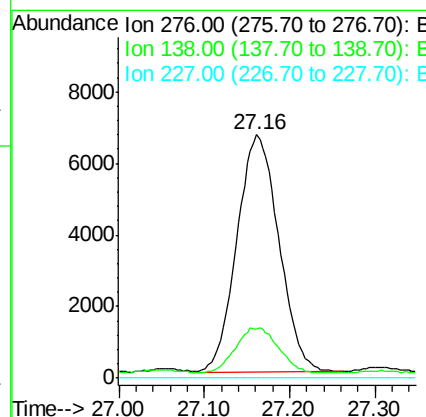
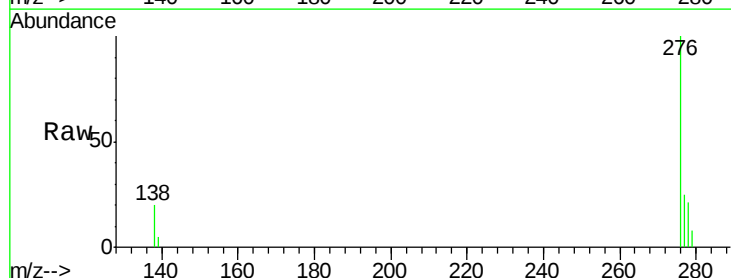
Instrument :
BNA_E
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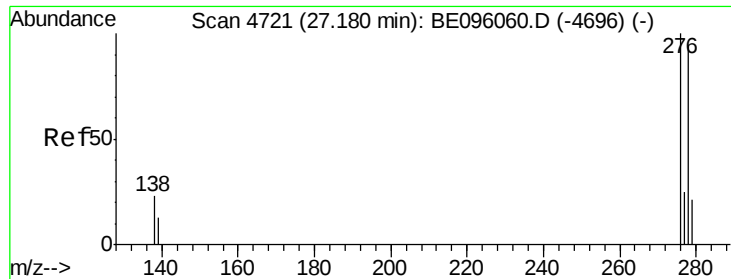
Tot Ion:252 Resp: 38537
Ion Ratio Lower Upper
252 100
253 24.1 28.5 42.7#
125 11.3 18.1 27.1#



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.736 ng/ul
RT: 27.16 min Scan# 4717
Delta R.T. -0.00 min
Lab File: BE096066.D
Acq: 21 Apr 2018 6:37

Tgt Ion:276 Resp: 22660
Ion Ratio Lower Upper
276 100
138 19.6 28.0 42.0#
227 0.0 8.0 12.0#

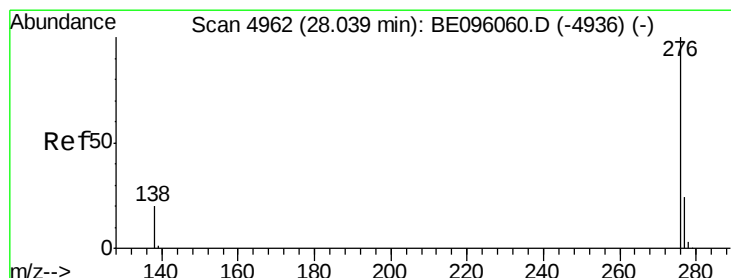
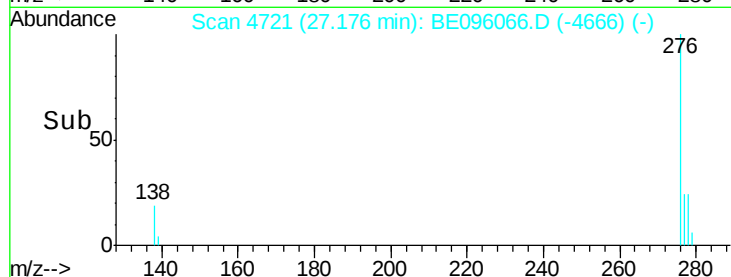
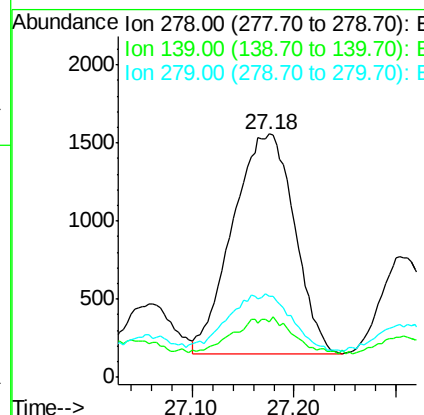
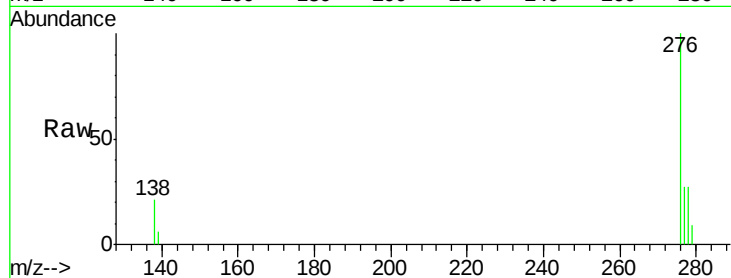




#25
Dibenzo(a,h)anthracene
Concen: 0.240 ng/u1
RT: 27.18 min Scan# 4721
Delta R.T. -0.00 min
Lab File: BE096066.D
Acq: 21 Apr 2018 6:37

Instrument :
BNA_E
ClientSampleId :
C0AC9

Tot Ion:278 Resp: 5938
Ion Ratio Lower Upper
278 100
139 22.8 17.4 26.0
279 33.1 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.825 ng/u1
RT: 28.04 min Scan# 4962
Delta R.T. -0.00 min
Lab File: BE096066.D
Acq: 21 Apr 2018 6:37

Tgt Ion:276 Resp: 21202
Ion Ratio Lower Upper
276 100
138 21.5 21.8 32.8#
277 25.1 20.5 30.7

